**EnviroBank API**

Base URL:

/api/envirobank

Authentication:

Some endpoints require authentication using the Authorize attribute. You need to include the authentication token in the request headers.

Login:

Allows users to authenticate and receive an access token.

URL: /login

Method: POST

Authorization: Not required

Request Body: Format - json

{

"username": "your\_username",

"password": "your\_password"

}

Response:

Success:

Status Code: 200 OK

Response Body: Format - json

{

"success": true,

"message": "Login successful",

"token": "your\_access\_token"

}

Failure:

Status Code: 400 Bad Request

Response Body: Format - json

{

"success": false,

"message": "Invalid credentials"

}

Get Accounts by Account Holder:

Retrieve accounts associated with a specific account holder.

URL: /accounts/{accountHolder}

Method: GET

Authorization: Required

URL Parameters:

accountHolder (integer): Account holder's ID

Response:

Success:

Status Code: 200 OK

Response Body: Format - json

{

"success": true,

"data": [

{

"accountId": 123,

"accountType": "Savings",

"balance": 1000.00

}

]

}

Failure:

Status Code: 400 Bad Request

Response Body: Format - json

{

"success": false,

"message": "Error message"

}

Get Account by Account Number:

Retrieve detailed information about a specific account.

URL: /account/{accountNumber}

Method: GET

Authorization: Required

URL Parameters:

accountNumber (integer): Account number

Response:

Success:

Status Code: 200 OK

Response Body: Format - json

{

"success": true,

"data": {

"accountId": 123,

"accountType": "Savings",

"balance": 1000.00

}

}

Failure:

Status Code: 400 Bad Request

Response Body: Format - json

{

"success": false,

"message": "Error message"

}

Withdraw from Account:

Perform a withdrawal from a specific account.

URL: /account/{accountNumber}/withdraw/{amount}

Method: PATCH

Authorization: Required

URL Parameters:

accountNumber (integer): Account number

amount (decimal): Amount to withdraw

Response:

Success:

Status Code: 200 OK

Response Body: Format - json

{

"success": true,

"message": "Withdrawal successful",

"newBalance": 900.00

}

Failure:

Status Code: 400 Bad Request

Response Body: Format - json

{

"success": false,

"message": "Error message"

}